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TI Self-leveled polished finishing compositions
IN Dolezsai, Karoly; Mueller, Janos; Kaubek, Karoly
PA Szilikatipari Koezponti Kutato es Tervezo Intezet, Hung.
SO Ger. Offen., 15 pp.
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DT Patent
LA German
IC C04B013-02; C04B013-06; C04B031-02; C04B031-30; C04B013-21
CC 58-4 (Cement, Concrete, and Related Building Materials)
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	DE 3339197	A1	19840503	DE 1983-3339197	19831028
	HU 197285	B	19890328	HU 1982-3470	19821029
PRAI	HU 1982-3470		19821029		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
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DE 3339197	IC	C04B013-02IC C04B013-06IC C04B031-02IC C04B031-30IC C04B013-21

AB A self-leveled polished finishing compn. giving a crack-free surface after mixing with water, comprises cement 36-45, sand and/or limestone meal 45-58, CaSO₄·0.5H₂O, SiO₂, and/or bentonite 2-5, casein 1-3, NaF 0.05-0.18, silicone oil, soda, and/or Ca(OH)₂ 0-1.2, zeolite 0-4.0, Me cellulose [9004-67-5] 0-0.5, and fly ash and/or ground blast-furnace slag 0-20 wt.%. Thus, a mixt. of portland cement 36.8, bauxite cement 3.2, 0.1-0.6 mm sand 46.0, limestone meal 8.9, casein contg. 6% NaF 1.1, and gypsum 4.0 wt.% was mixed with 24% water to give a spreadability of 220 mm, good walking resistance, bending strength 4.13 and 6.37, compressive strength 16.8 and 22.2 MPa, and vol. change 0.08 and 0.16% after 7 and 28 days, resp.

ST self leveling floor finishing compn